

1644

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/559,764

DATE: 07/11/2000  
 TIME: 10:39:59

Input Set : A:\Sequence  
 Output Set: N:\CRF3\07112000\I559764.raw

3 <110> APPLICANT: Flodgaard, Hans Jakob  
 4 Lindbom, Lennart  
 5 Bjoern, Soeren  
 8 <120> TITLE OF INVENTION: Inhibition Of Bradykinin Release  
 11 <130> FILE REFERENCE: 5694.200-US  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/559,764  
 C--> 13 <141> CURRENT FILING DATE: 2000-04-27  
 13 <150> PRIOR APPLICATION NUMBER: 60/132,748  
 14 <151> PRIOR FILING DATE: 1999-04-29  
 16 <150> PRIOR APPLICATION NUMBER: 60/157,384  
 17 <151> PRIOR FILING DATE: 1999-10-01  
 19 <160> NUMBER OF SEQ ID NOS: 14  
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 225  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Homo sapiens  
 28 <400> SEQUENCE: 1  
 29 Ile Val Gly Gly Arg Lys Ala Arg Pro Arg Gln Phe Pro Phe Leu Ala  
 30 1 5 10 15  
 31 Ser Ile Gln Asn Gln Gly Arg His Phe Cys Gly Gly Ala Leu Ile His  
 32 20 25 30  
 33 Ala Arg Phe Val Met Thr Ala Ala Ser Cys Phe Gln Ser Gln Asn Pro  
 34 35 40 45  
 35 Gly Val Ser Thr Val Val Leu Gly Ala Tyr Asp Leu Arg Arg Arg Glu  
 36 50 55 60  
 37 Arg Gln Ser Arg Gln Thr Phe Ser Ile Ser Ser Met Ser Glu Asn Gly  
 38 65 70 75 80  
 39 Tyr Asp Pro Gln Gln Asn Leu Asn Asp Leu Met Leu Leu Gln Leu Asp  
 40 85 90 95  
 41 Arg Glu Ala Asn Leu Thr Ser Ser Val Thr Ile Leu Pro Leu Pro Leu  
 42 100 105 110  
 43 Gln Asn Ala Thr Val Glu Ala Gly Thr Arg Cys Gln Val Ala Gly Trp  
 44 115 120 125  
 45 Gly Ser Gln Arg Ser Gly Gly Arg Leu Ser Arg Phe Pro Arg Phe Val  
 46 130 135 140  
 47 Asn Val Thr Val Thr Pro Glu Asp Gln Cys Arg Pro Asn Asn Val Cys  
 48 145 150 155 160  
 49 Thr Gly Val Leu Thr Arg Arg Gly Gly Ile Cys Asn Gly Asp Gly Gly  
 50 165 170 175  
 51 Thr Pro Leu Val Cys Glu Gly Leu Ala His Gly Val Ala Ser Phe Ser  
 52 180 185 190  
 53 Leu Gly Pro Cys Gly Arg Gly Pro Asp Phe Phe Thr Arg Val Ala Leu  
 54 195 200 205  
 55 Phe Arg Asp Trp Ile Asp Gly Val Leu Asn Asn Pro Gly Pro Gly Pro  
 56 210 215 220  
 57 Ala

ENTERED

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58 225
60 <210> SEQ ID NO: 2
61 <211> LENGTH: 678
62 <212> TYPE: DNA
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 2
66 atcgttggcg gccggaagcg gagggcccg cagttcccgt tcttgccctc cattcagaat    60
67 caaggcagcg acttctgcgg ggtgcccctg atccatgccc gttctgtgat gaccgcggcc    120
68 agctgcttcc aaagccagaa ccccgggggt agcaccgtgg tgctgggtgc ctatgacctg    180
69 aggcggcggg agaggcagtc ccgccagacg ttttccatca gcagcatgag cgagaatggc    240
70 tacgaccccc agcagaacct gaacgacctg atgctgcttc agctggaccg tgaggccaac    300
71 ctaccagca gcgtgacgat actgccactg cctctgcaga acgccacggt ggaagccggc    360
72 accagatgcc aggtggccgg ctgggggagc cagcgccagt gggggcgctc ctcccgtttt    420
73 cccaggttgc tcaacgtgac tgtgaccccc gaggaccagt gtcgccccaa caacgtgtgc    480
74 accggtgtgc tcaccccgcc cggtggcctc tgcaatgggg acggggggcac cccctcgtc    540
75 tgcgagggcc tggcccacgg cgtggcctcc ttttccctgg ggccctgtgg ccgaggccct    600
76 gacttcttca cccgagtggc gctcttccga gactggatcg atggcgtttt aaacaatccg    660
77 ggaccggggc cagcctag
79 <210> SEQ ID NO: 3
80 <211> LENGTH: 698
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 3
85 ggctccagcc cctttttgga catcgttggc ggccggaagg cgaggcccg ccagttcccg    60
86 tcttgccctc cattcagaat caaggcagcg acttctgcgg ggtgcccctg atccatgccc    120
87 gcttctgtat gaccgcggcc agctgcttcc aaagccagaa ccccgggggt agcaccgtgg    180
88 tgctgggtgc ctatgacctg aggcggcggg agaggcagtc ccgccagacg ttttccatca    240
89 gcagcatgag cgagaatggc tacgaccccc agcagaacct gaacgacctg atgctgcttc    300
90 agctggaccg tgaggccaac ctaccagca gcgtgacgat actgccactg cctctgcaga    360
91 acgccacggt ggaagccggc accagatgcc aggtggccgg ctgggggagc cagcgcagtg    420
92 gggggcgctc ctcccgtttt cccaggttgc tcaacgtgac tgtgaccccc gaggaccagt    480
93 gtcgccccaa caacgtgtgc accggtgtgc tcaccccgcc cggtggcctc tgcaatgggg    540
94 acggggggcac cccctcgtc tgcgagggcc tggcccacgg cgtggcctcc ttttccctgg    600
95 ggccctgtgg ccgaggccct gacttcttca cccgagtggc gctcttccga gactggatcg    660
96 atggcgtttt aaacaatccg ggaccggggc cagcctag
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 232
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 4
104 Gly Ser Ser Pro Leu Leu Asp Ile Val Gly Gly Arg Lys Ala Arg Pro
105 1 5 10 15
106 Arg Gln Phe Pro Phe Leu Ala Ser Ile Gln Asn Gln Gly Arg His Phe
107 20 25 30
108 Cys Gly Gly Ala Leu Ile His Ala Arg Phe Val Met Thr Ala Ala Ser
109 35 40 45
110 Cys Phe Gln Ser Gln Asn Pro Gly Val Ser Thr Val Val Leu Gly Ala
111 50 55 60
112 Tyr Asp Leu Arg Arg Arg Glu Arg Gln Ser Arg Gln Thr Phe Ser Ile

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113 65              70              75              80
114 Ser Ser Met Ser Glu Asn Gly Tyr Asp Pro Gln Gln Asn Leu Asn Asp
115              85              90              95
116 Leu Met Leu Leu Gln Leu Asp Arg Glu Ala Asn Leu Thr Ser Ser Val
117              100             105             110
118 Thr Ile Leu Pro Leu Pro Leu Gln Asn Ala Thr Val Glu Ala Gly Thr
119              115             120             125
120 Arg Cys Gln Val Ala Gly Trp Gly Ser Gln Arg Ser Gly Gly Arg Leu
121              130             135             140
122 Ser Arg Phe Pro Arg Phe Val Asn Val Thr Val Thr Pro Glu Asp Gln
123              145             150             155             160
124 Cys Arg Pro Asn Asn Val Cys Thr Gly Val Leu Thr Arg Arg Gly Gly
125              165             170             175
126 Ile Cys Asn Gly Asp Gly Gly Thr Pro Leu Val Cys Glu Gly Leu Ala
127              180             185             190
128 His Gly Val Ala Ser Phe Ser Leu Gly Pro Cys Gly Arg Gly Pro Asp
129              195             200             205
130 Phe Phe Thr Arg Val Ala Leu Phe Arg Asp Trp Ile Asp Gly Val Leu
131              210             215             220
132 Asn Asn Pro Gly Pro Gly Pro Ala
133 225              230
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 756
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 5
141 atgaccgggc tgacagtcc tggcctgctg gctggtctgc tggcgtccctc gagggccggc 60
142 tccagccccc ttttggacat cgttggcggc cggaaggcga ggccccgcca gttcccgttc 120
143 ctggcctcca ttcagaatca aggcaggcac ttctgcgggg gtgccctgat ccatgcccg 180
144 ttctgatga cgcgggccag ctgcttccaa agccagaacc ccgggggttag caccgtggtg 240
145 ctgggtgcct atgacctgag gcggcgggag aggcagtcce gccagacgtt ttccatcagc 300
146 agcatgagcg agaattggcta cgaccccag cagaacctga acgacctgat gctgcttcag 360
147 ctggaccgtg aggccaaacct caccagcagc gtgacgatac tgccactgcc tctgcagaac 420
148 gccacggtg aagccggcac cagatgccag gtggccgctc gggggagcca gcgcagtggg 480
149 gggcgctct cccgttttcc caggttcgtc aacgtgactg tgaccccaga ggaccagtgt 540
150 cgccccaaac acgtgtgcac cgggtgtgctc acccgccgcg gtggcatctg caatggggac 600
151 gggggcacc cctcgtctg cgagggcctg gccacgcgcg tggcctcctt ttccctgggg 660
152 ccctgtggcc gaggcctga cttcttcacc cgagtggcgc tcttcgaga ctggatcgat 720
153 ggcgttttaa acaatccggg accggggcca gcctag 756
155 <210> SEQ ID NO: 6
156 <211> LENGTH: 251
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 6
161 Met Thr Arg Leu Thr Val Leu Ala Leu Leu Ala Gly Leu Leu Ala Ser
162 1 5 10 15
163 Ser Arg Ala Gly Ser Ser Pro Leu Leu Asp Ile Val Gly Gly Arg Lys
164 20 25 30
165 Ala Arg Pro Arg Gln Phe Pro Phe Leu Ala Ser Ile Gln Asn Gln Gly

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166          35          40          45
167 Arg His Phe Cys Gly Gly Ala Leu Ile His Ala Arg Phe Val Met Thr
168      50          55          60
169 Ala Ala Ser Cys Phe Gln Ser Gln Asn Pro Gly Val Ser Thr Val Val
170      65          70          75          80
171 Leu Gly Ala Tyr Asp Leu Arg Arg Arg Glu Arg Gln Ser Arg Gln Thr
172          85          90          95
173 Phe Ser Ile Ser Ser Met Ser Glu Asn Gly Tyr Asp Pro Gln Gln Asn
174          100          105          110
175 Leu Asn Asp Leu Met Leu Leu Gln Leu Asp Arg Glu Ala Asn Leu Thr
176          115          120          125
177 Ser Ser Val Thr Ile Leu Pro Leu Pro Leu Gln Asn Ala Thr Val Glu
178          130          135          140
179 Ala Gly Thr Arg Cys Gln Val Ala Gly Trp Gly Ser Gln Arg Ser Gly
180          145          150          155          160
181 Gly Arg Leu Ser Arg Phe Pro Arg Phe Val Asn Val Thr Val Thr Pro
182          165          170          175
183 Glu Asp Gln Cys Arg Pro Asn Asn Val Cys Thr Gly Val Leu Thr Arg
184          180          185          190
185 Arg Gly Gly Ile Cys Asn Gly Asp Gly Gly Thr Pro Leu Val Cys Glu
186          195          200          205
187 Gly Leu Ala His Gly Val Ala Ser Phe Ser Leu Gly Pro Cys Gly Arg
188          210          215          220
189 Gly Pro Asp Phe Phe Thr Arg Val Ala Leu Phe Arg Asp Trp Ile Asp
190          225          230          235          240
191 Gly Val Leu Asn Asn Pro Gly Pro Gly Pro Ala
192          245          250
194 <210> SEQ ID NO: 7
195 <211> LENGTH: 19
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 7
200 His Lys His Gly His Gly His His Lys Lys Asn Lys Gly Lys Lys Asn
201      1          5          10          15
202 Gly Lys His
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 31
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 8
211 Ser Asp Asp Asp Trp Ile Pro Asp Ile Gln Thr Asp Pro Asn Gly Leu
212      1          5          10          15
213 Ser Phe Asn Pro Ile Ser Asp Phe Pro Asp Thr Thr Ser Pro Lys
214          20          25          30
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 33
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:

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222 <223> OTHER INFORMATION: pcr primers
224 <400> SEQUENCE: 9
225 ccggggatcc gatgaccggtg ctgacagtcc tgg          33
227 <210> SEQ ID NO: 10
228 <211> LENGTH: 33
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: pcr primers
235 <400> SEQUENCE: 10
236 ggcacccccg cactcgtggc tgccttgatt ctg          33
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 33
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: pcr primers
246 <400> SEQUENCE: 11
247 cagaatcaag gcagccacga gtgcgggggt gcc          33
249 <210> SEQ ID NO: 12
250 <211> LENGTH: 27
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: pcr primers
257 <400> SEQUENCE: 12
258 gaggggggtg ccctggtccc cattgca          27
260 <210> SEQ ID NO: 13
261 <211> LENGTH: 27
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: pcr primers
268 <400> SEQUENCE: 13
269 tgcaatgggg accagggcac cccctc          27
271 <210> SEQ ID NO: 14
272 <211> LENGTH: 33
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: pcr primers
279 <400> SEQUENCE: 14
280 ccggggatcc aactaggctg gccccgtcc cgg          33

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VERIFICATION SUMMARY                      DATE: 07/11/2000  
PATENT APPLICATION:    US/09/559,764              TIME: 10:40:00

Input Set : A:\Sequence  
Output Set: N:\CRF3\07112000\I559764.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date